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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Menachem Nathan

Serial No.: 10/572,555

Filed: 17 March 2006

For: Integrated Microlens Reflector And
Light Coupler

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Group Art Unit:

Attorney Docket No.: 27/277

Examiner:

Commissioner of Patents and Trademarks
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

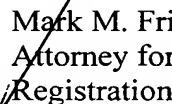
Sir:

Enclosed is PTO Form 1449 which lists citations which may be material to the patentability of the above-identified application.

These are being submitted in compliance with the duty of disclosure defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement Under 37 C.F.R. 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Respectfully submitted,


Mark M. Friedman
Attorney for Applicant
Registration No. 33,883

Date: July 27, 2006



Sheet 1 of 1

Form PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY)				Atty. Docket No. 27/277		Application No. 10/572,555	
				Applicant: Menachem Nathan			
				Filing Date: March 17, 2007		Group Art Unit:	
U.S. PATENT DOCUMENTS							
	EX. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLAS S	FILING DATE
AA							
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
							YES NO
AJ							
AK							
AL							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AM		Monolithic Coupling of a SU8 Waveguide to A Silicon Photodiode by M. Nathan et al Journal Of Applied Physics, Vol. 94 pp. 7932-7934, 2003					
AN		Chapter 2 of thesis: Fabrication and Characterization of a Monolithic Integration Between Planar Waveguide and Photodiode by Oren Levy, TA University June 2003					
AO		M.H. Wu and G.M. Whitesides, J. Micromech, Microeng. 12 (2002), pp. 747-758 Fabrication of two-dimensional arrays of Microlenses and their applications in Photolithography					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS							
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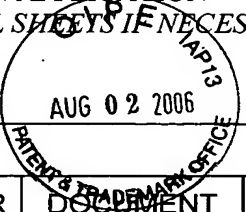
FOREIGN PATENT DOCUMENTS								
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							YES	NO
BJ								
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BL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BM		S. Chen et al. Infrared Physics & Technol. - Monolithic Integration Technique for Microlens Arrays with Infrared Focal Plane Arrays Vol 43, pp. 109-112, (2002)
BN		M.V. Kunnavakkam et al, Applied Physics Letters- "Low Cost, Low-loss microlens arrays fabricated by soft-lithography replication process, Vol. 82 pp. No. 8, 1152-1154, (2003)
BO		N.P. Eisenberg et al.; Materials Science in Semiconductor Processing, Vol 3, pp. 443-448, 2000; "New Types of Microlens Arrays for the IR Based on Inorganic Chalcogenide Photoresists

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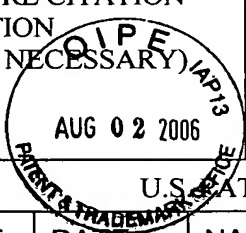
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							YES	NO
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CJ								
CK								
CL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
CM	Journal of Optoelectronics and Adv. Materials Vol 2, No. 2, 2000, pp. 147-152, 2000 "Infrared Microlems Arrays Based on Chalcogenide Photoresist, Fabricated By Thermal Reflow Porcess"
CN	Journal of Optoelectronics and Adv. Materials Vol 4, Nr.2 (June 2002)- pp. 405-407, "As2S3 Based Arrays of Large-Size IR Microlenses"
CO	M. He et al., Applied Optics, Vol. 42, No. 36 pp.7174-7178, (2003) "Reflow Technique for the Fabrication of An Elliptical Mircolens Array in Sol-Gel Material"
CP	M. Nathan, Journal of Applied Physics; Vol. 94, No. 12 , pp. 7932-7934 (Dec. 15, 2003) "Monolithic Coupling of a SU8 Waveguide to a Silicon Photodiode."

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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
							YES NO
DJ							
DK							
DL							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
DM		M. Nathan; Applied Physics Letters Vol 85, No. 14; (Oct 2004) pp. 2688-2690 "Microlens Reflector For Out-of Plane Optical Coupling of A Waveguide to A Buried Silicon Photodiode"					
DN		Y. Ohmori et al., Thin Solid Films 393 (2001) 267-272, "Organic Electroluminescent Diodes As a Light Source for polymeric waveguides- toward organic integrated optical devices"					
DO							
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